

10658 U.S. PTO
09/661899

09/14/00

438	110
Class	Subclass
ISSUE CLASSIFICATION	

PATENT NUMBER

U.S. UTILITY Patent Application

<p>12W SCANNED TH⁴ Q.A. JTT</p>	<p>O.I.P.E. PATENT DATE</p>
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APPLICATION NO. 09/661899	CONT/PRIOR	CLASS 257 1108	SUBCLASS 678	ART UNIT 2814	EXAMINER Chambers
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APPLICANTS
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Qing Ma
Quat Vu
Steven Towle

TITLE
Process for forming a direct build-up layer on an encapsulated die package and intermediate structures formed therewith

PTO-2040
12/99

ISSUING CLASSIFICATION

ORIGINAL		CROSS REFERENCE(S)					
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
438	110	438	118	126	127	622	
INTERNATIONAL CLASSIFICATION							
401L	2148						

☐ Continued on Issue Slip Inside File Jacket

☐ TERMINAL
DISCLAIMER

☐ The term of this patent
subsequent to _____ (date)
has been disclaimed.

☐ The term of this patent shall
not extend beyond the expiration date
of U.S. Patent. No. _____

☐ The terminal _____ months of
this patent have been disclaimed.

DRAWINGS

Sheets Drwg. 21	Figs. Drwg. 22	Print Fig. 6a, 6b 6c
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(Assistant Examiner) (Date)

Alonso Chambliss 4/2/02
(Primary Examiner) (Date)

William C. Mittle 4/6/04
(Legal Instruments Examiner) (Date)

CLAIMS ALLOWED

Total Claims 24	Print Claim for O.G. 1
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NOTICE OF ALLOWANCE MAILED

ISSUE FEE

Amount Due \$1,330	Date Paid
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ISSUE BATCH NUMBER

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Drawings (____ shts) set

(FACE)

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